

FIG. 2A

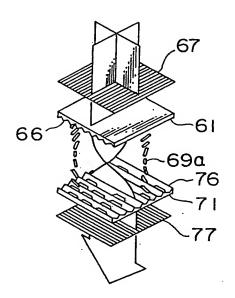
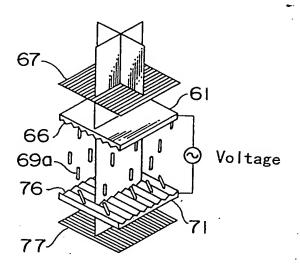


FIG. 2B





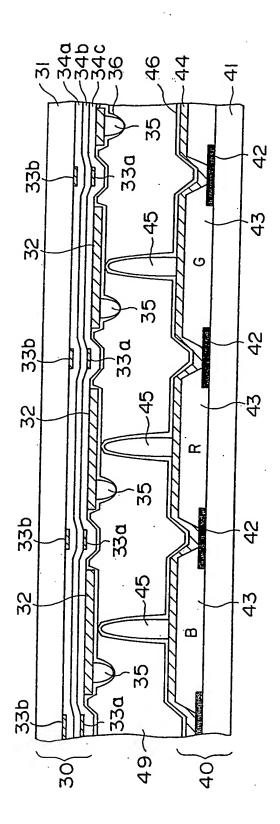
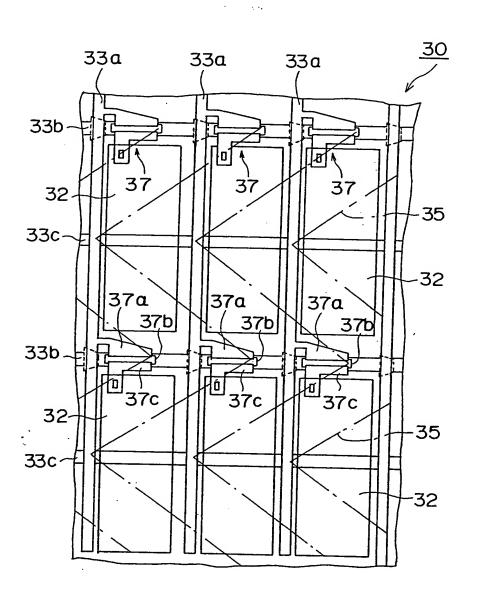


FIG. 4



14.5

Ikeda et al. Parent Filed: February 10, 2000 (James K. Folker) (312) 360-0080

FIG. 5

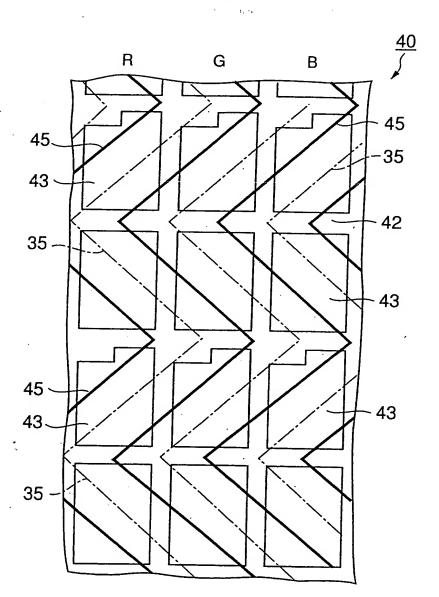


FIG. 6A

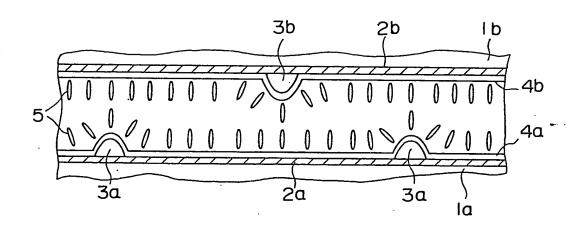


FIG. 6B

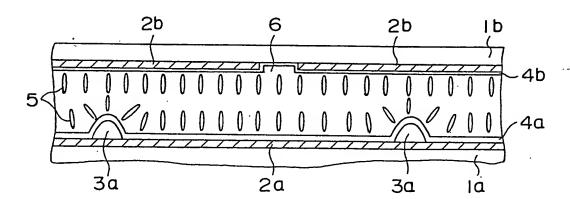
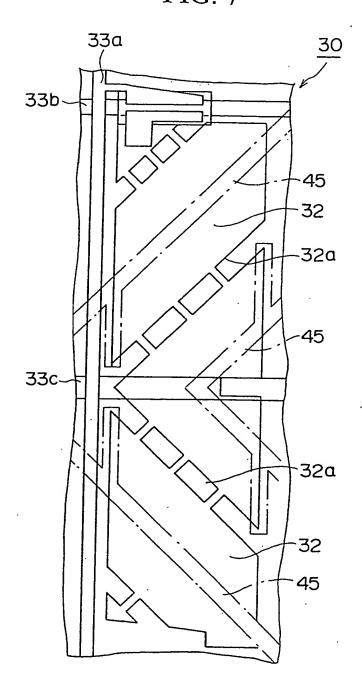
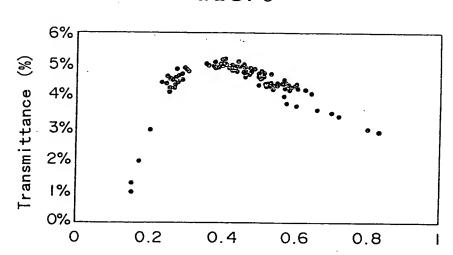


FIG. 7



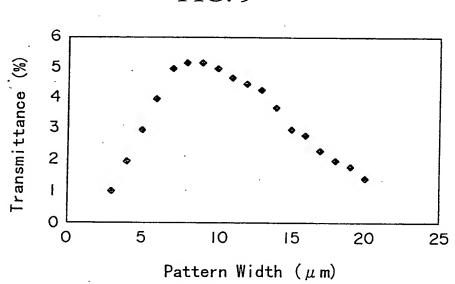
....

FIG. 8



Projection Pattern Height / Cell Thickness (rate)

FIG. 9



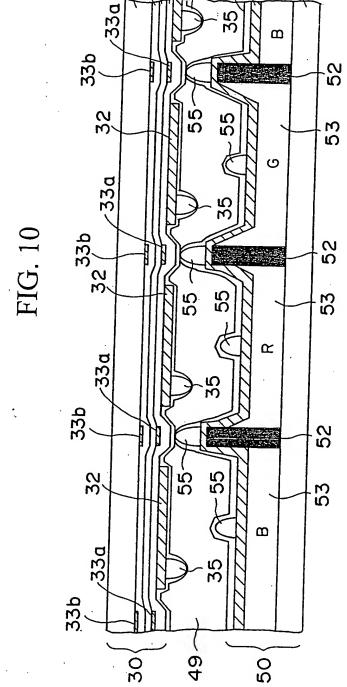
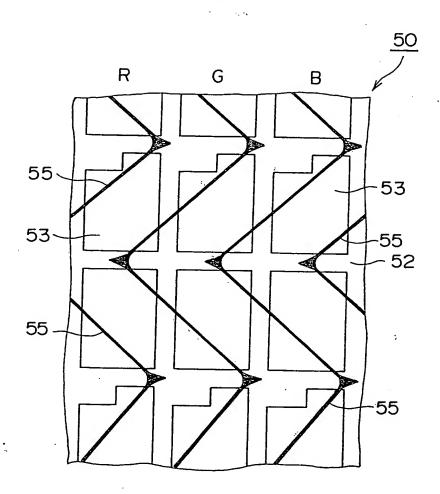


FIG. 11



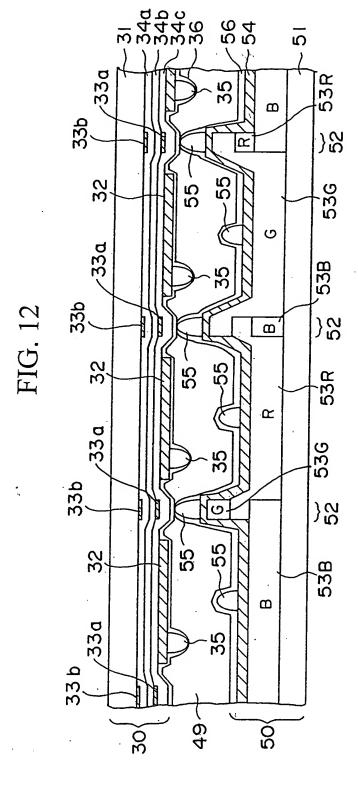
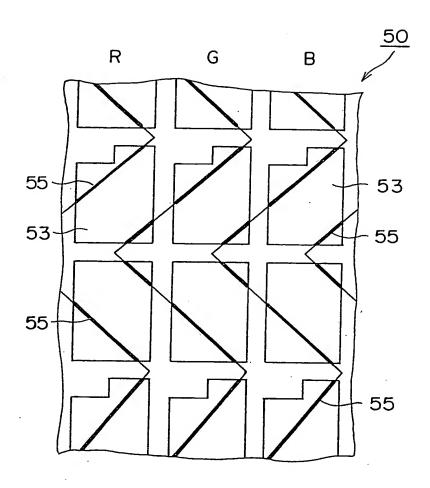


FIG. 13



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LIQUID CRYSTAL DISPLAY.. Div. Of Serial No. 09/501,747 Greer,Burns & Crain, Ltd. Our Ref. No. 1508.68699 Sheet 13 of 42

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Ikeda et al. 11/06 Parent Filed: February 10, 2000 (James K. Folker) (312) 360-0080

FIG. 14

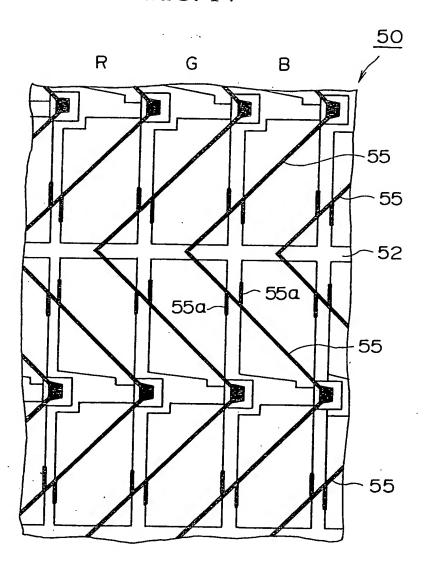


FIG. 15A

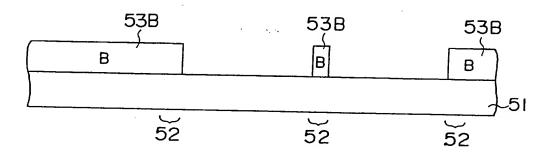


FIG. 15B

 $\{\mathcal{H}_{\mathcal{O}_{\mathbf{y}}}$ 

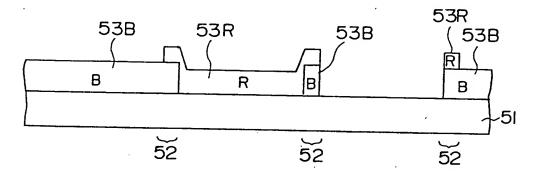


FIG. 15C

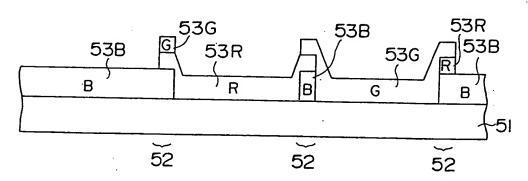


FIG. 15D

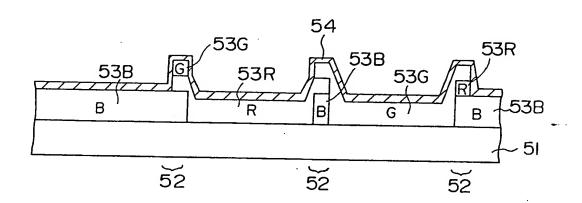
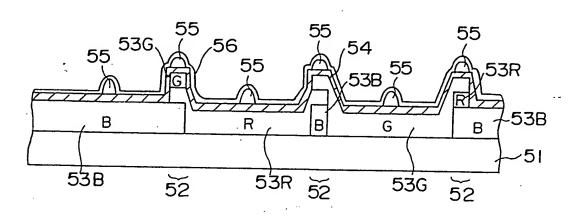


FIG. 15E



S

56 54

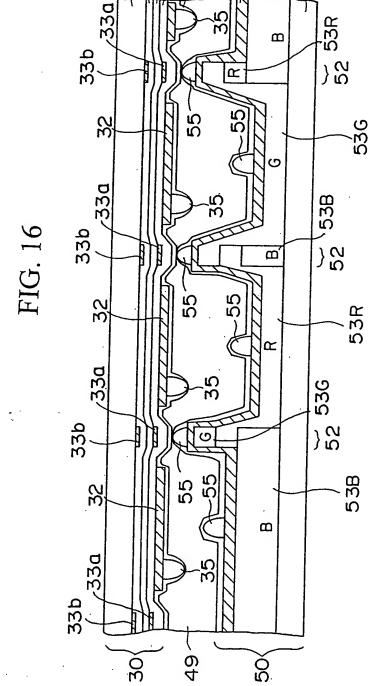


FIG. 17

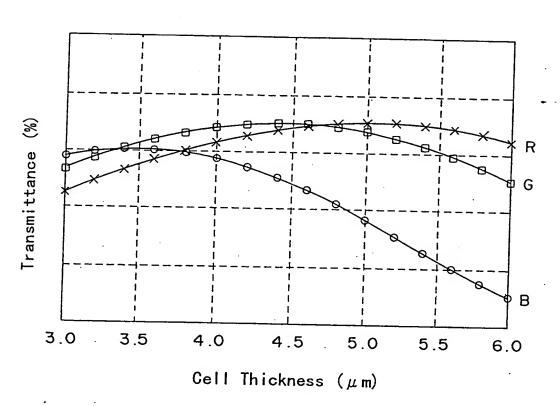


FIG. 18

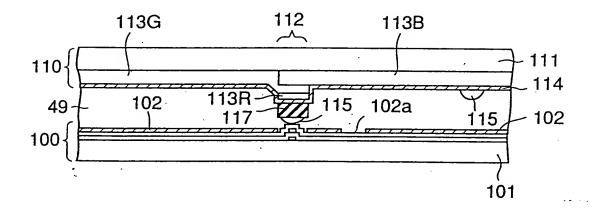
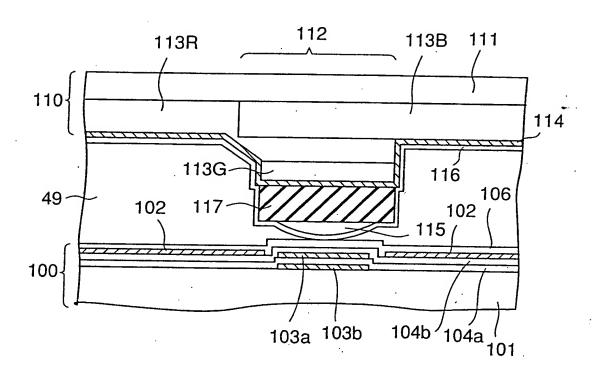


FIG. 19



Ikeda et al. Parent Filed: February 10, 2000 (James K. Folker) (312) 360-0080

FIG. 20

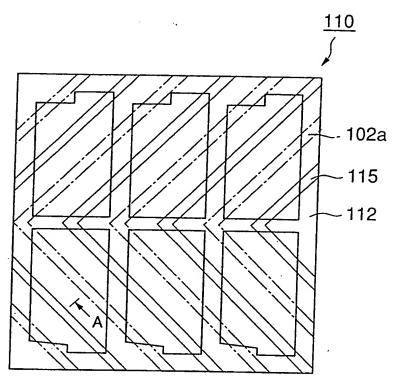


FIG. 21

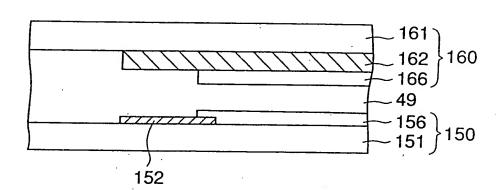


FIG. 22A

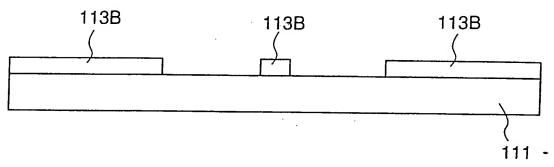


FIG. 22B

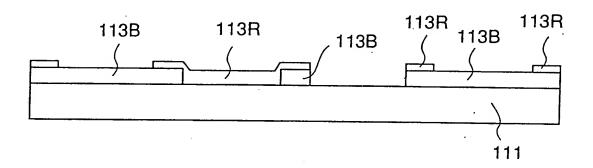
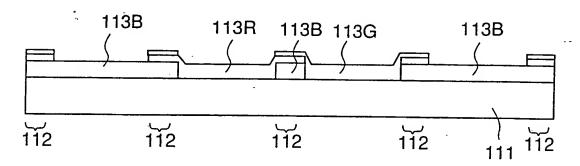
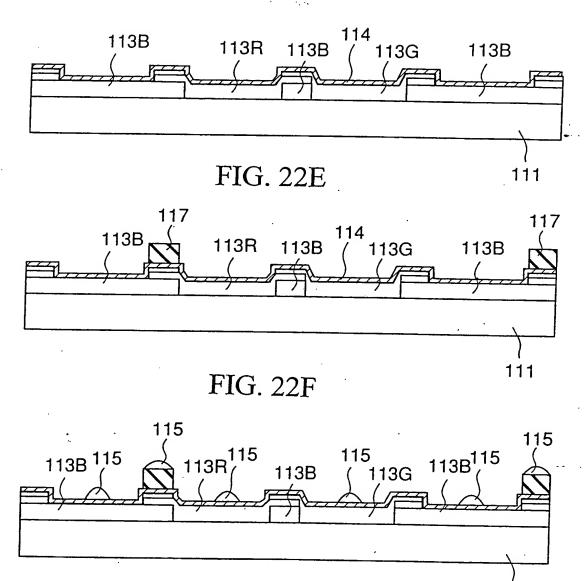


FIG. 22C



## FIG. 22D



36

111

 $Q_{2i}$ 

FIG. 23

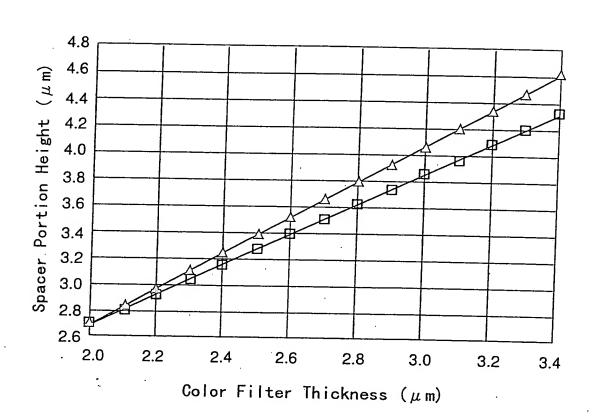
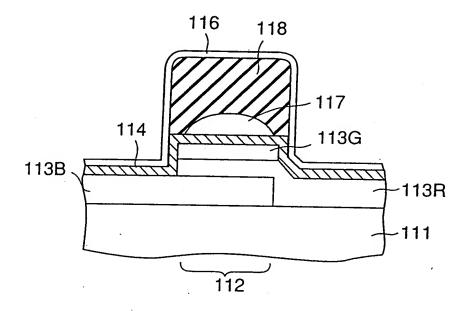


FIG. 24



lkeda et al. Parent Filed: February 10, 2000

(James K. Folker) (312) 360-0080

LIQUID CRYSTAL DISPLAY.. Div. Of Serial No. 09/501,747 Greer,Burns & Crain, Ltd. Our Ref. No. 1508.68699 Sheet 26 of 42

FIG. 25

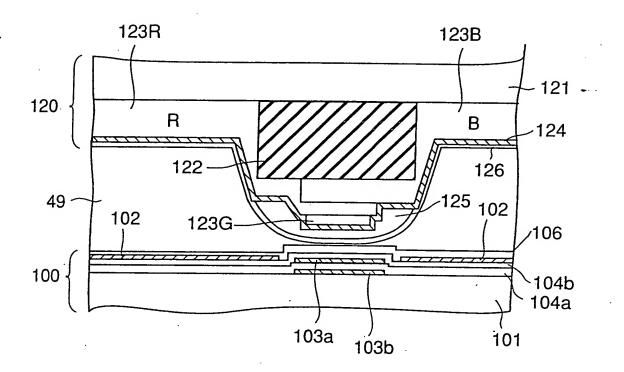
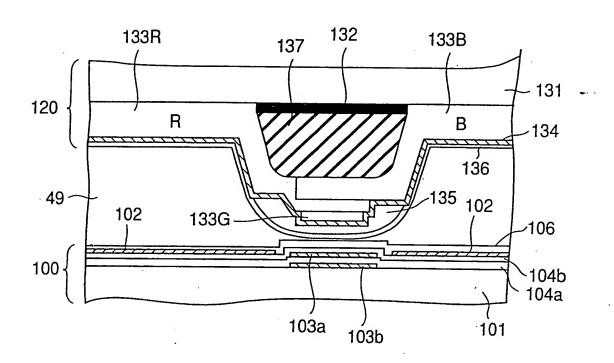


FIG. 26



11/06/03

FIG. 27A

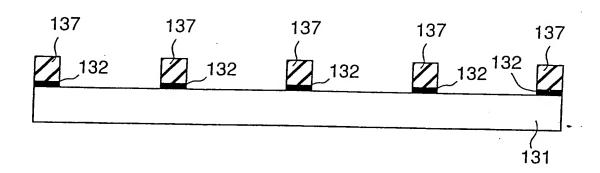


FIG. 27B

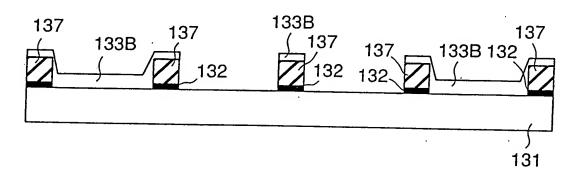
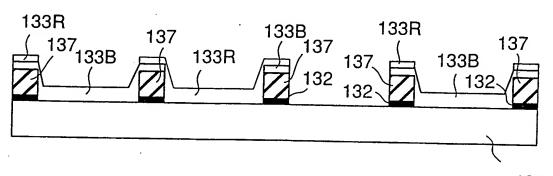


FIG. 27C



11/06/03

## FIG. 27D

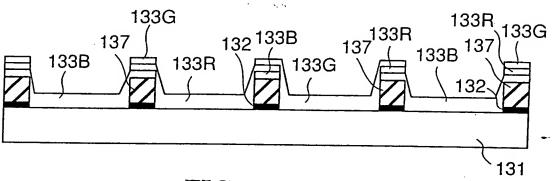


FIG. 27E

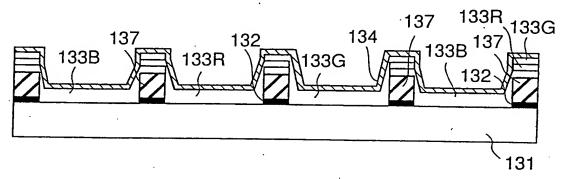
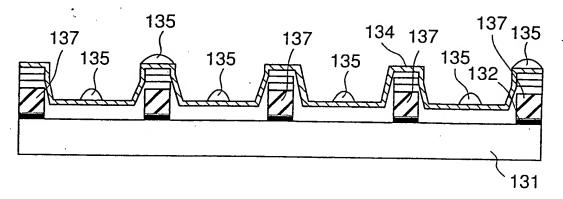
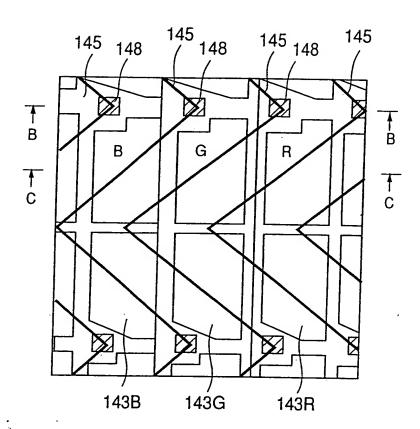


FIG. 27F



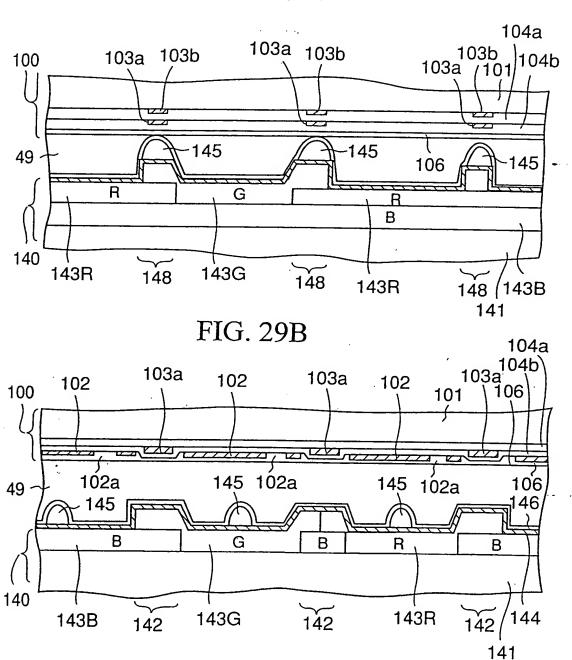
lkeda et al. Parent Filed: February 10, 2000 (James K. Folker) (312) 360-0080

FIG. 28



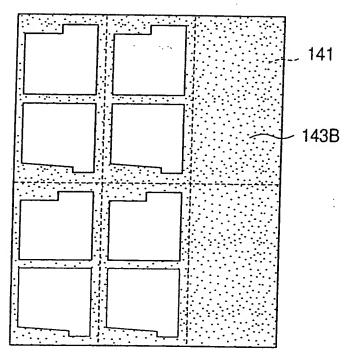
19.3

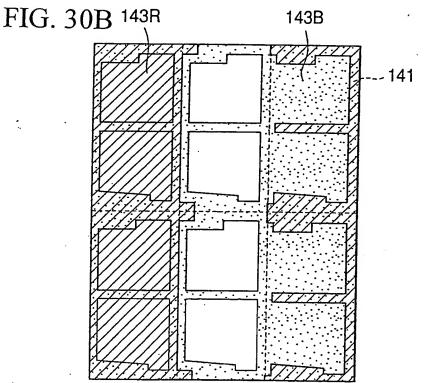
FIG. 29A



11/06/03

FIG. 30A





Ikeda et al. Parent Filed: February 10, 2000 (James K. Folker) (312) 360-0080

FIG. 30C

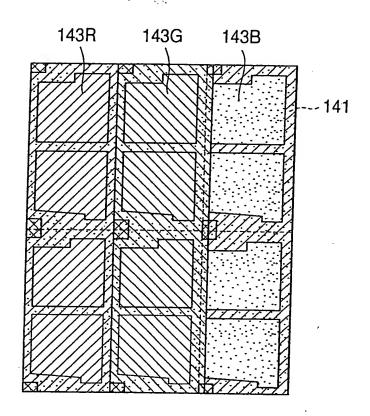
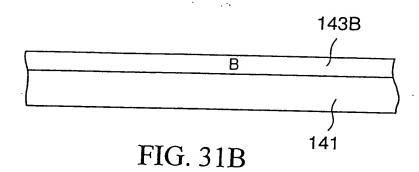


FIG. 31A



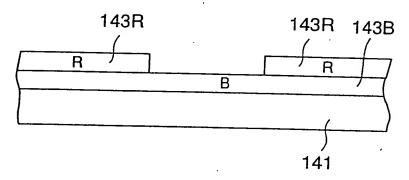


FIG. 31C

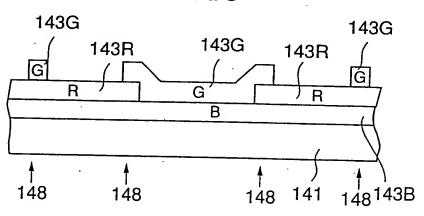
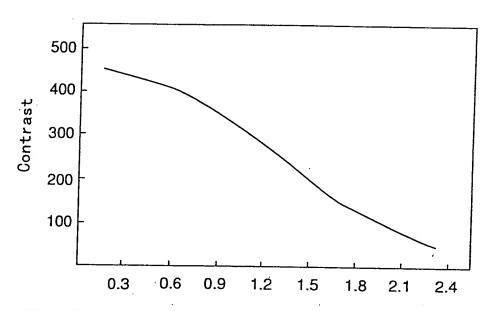


FIG. 32



Pixel Region and Level Difference of the Black Matrix

FIG. 33

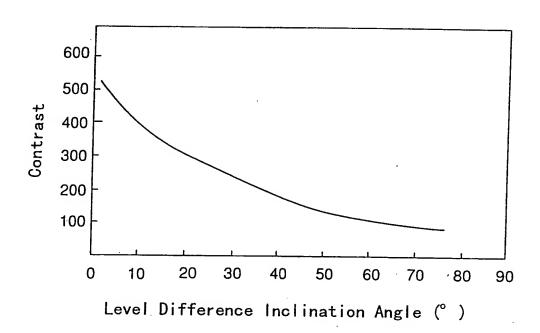
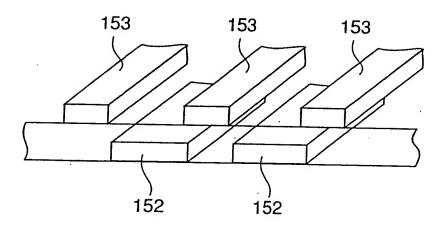
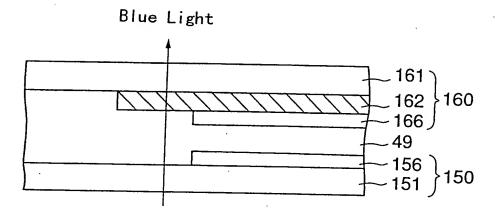


FIG. 34



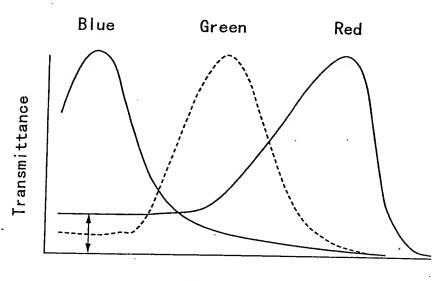
Mi:

FIG. 35



.43.

FIG. 36



Wavelength

FIG. 37

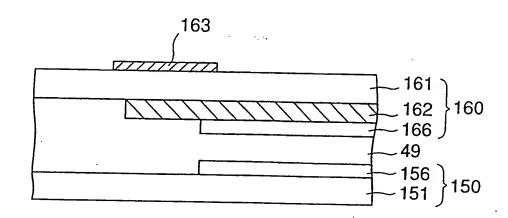


FIG. 38

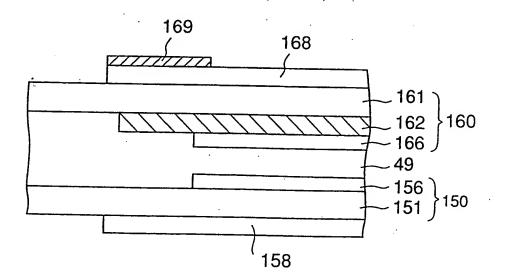
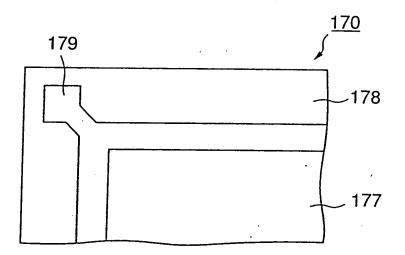


FIG. 39



v<sub>i</sub> , <sub>v</sub>

FIG. 40A

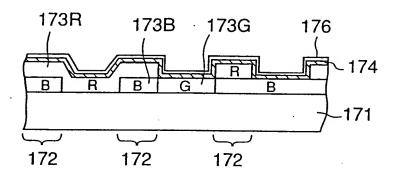


FIG. 40B

